AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

 1.-9.   (Canceled)

 10. (Currently Amended)   A method for manufacturing a dental prosthesis, said method comprising the following steps:

 (0)   recording and digitizing 3-dimensional data records of fabricated teeth;

 (a)   recording and digitizing 3-dimensional, anatomical relationships in an oral cavity;

 (b)   optionally recording and digitizing 3-dimensional data on bite rims;

 (c)   optionally recording mandibular data;

 (d)   processing data obtained from step (a) and optionally steps (b) and/or (c) in such a way that relevant anatomical structures for virtual placement of teeth are securely affixed, and a virtual model data record is obtained;

 (e)   selecting 3-dimensional data records of fabricated, previously scanned teeth;

 (f)   virtual placing of the teeth into the virtual model; and

either

USSN 10/770,708   Page 2   00100788
Amendment Under 37 CFR §1.111 filed May 14, 2007

(j)   transferring the virtual placing of the teeth to a model either by a

        positioning template, or direct placement of the teeth on the model;

(k)   affixing the teeth to the model; and

(l)   attaching a denture base to the model;

or

(m)   without carrying out steps (j), (k) and (l), directly manufacturing a denture

        base, according to data for a virtual denture placement, with positioning

        aids for a final correct positioning and affixing of the teeth.

11. (Previously Presented)   The method according to claim 10, wherein step (a)

comprises recording 3-dimensional, anatomical relationships in an oral cavity with the

aid of a 3-dimensional camera.

12. (Previously Presented)   The method according to claim 10, wherein step (a)

comprises scanning a plaster model.

13. (Previously Presented)   The method according to claim 10, which comprises

following step (f) the following step:

(g).   simulating mandibular movements in/on a computer.

14. (Previously Presented)   The method according to claim 13, which comprises

following step (g) the following step:

(h)   inspecting function and occlusion in/on the computer.

USSN 10/770,708   Page 3   00100788
Amendment Under 37 CFR §1.111 filed May 14, 2007

15. (Previously Presented)   The method according to claim 14, which comprises following step (h) the following step:

    (i)   manually correcting the placing of teeth, and performing a new calculation

          to adapt the placing of teeth of to bite data and optimal occlusion.

16. (Previously Presented)   The method according to claim 10, wherein in step (j) the positioning template is milled or rapid prototyped.

17. (Previously Presented)   The method according to claim 10, wherein in step (b) the bite rims are occlusion rims.

18. (Previously Presented)   A device for the manufacture of a dental prosthesis comprising:

    (a)   a scanning or recording apparatus making a digital 3-dimensional

          recording of an oral situation, on a patient or on a model;

    (b)   a processing device for producing from said recording a virtual model of

          the oral situation;

    (c)   a 3-dimensional data record for prefabricated dental prostheses;

    (d)   a processing module for fitting data for prefabricated dental prostheses

          into the virtual model for creation of a virtual model with integrated dental

          prosthetic teeth;

USSN 10/770,708   Page 4   00100788
Amendment Under 37 CFR §1.111 filed May 14, 2007

PAGE 4/10 * RCVD AT 5/14/2007 3:57:55 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-2/16 * DNIS:2738300 * CSID:1212 808 0844 * DURATION (mm-ss):02-46

(e)   a simulation module for mandibular movements for testing and optimizing of positions of teeth on the virtual model with the integrated dental prosthetic teeth; and

(f)   a device for manufacturing a positioning template or a denture base from the virtual model with the integrated dental prosthetic teeth.

CONDITIONAL PETITION FOR EXTENSION OF TIME

If entry and consideration of the amendments above requires an extension of time,

Applicants respectfully request that this be considered a petition therefor. The

Commissioner is authorized to charge any fee(s) due in this connection to Deposit

Account No. 14-1263.

ADDITIONAL FEE

Please charge any insufficiency of fees, or credit any excess, to Deposit Account

No. 14-1263.